

Interchange symbols

Symbol

1. Right click on the interchange layer.
2. Click on properties,
3. Click on the symbol,
4. Click on More symbols...
5. Add,
6. Navigate to the S:/comprehensive transportation plan/comprehensive transportation plan.style.
7. Click ok.

The symbols for the interchanges should appear.

To change the size of the symbol:



The proposed interchange symbol will be used as an example in the following directions.



1. Right click on the symbol and click properties.
The properties window will appear.
2. Click on change symbol.
3. Click on properties.
4. To change the dot size of the center, increase or decrease the font size on the character marker tab by clicking on the arrows to go up or down.
5. To change the size of the dashed outer circle, click on the mask tab, make sure halo is selected, and increase or decrease the font size.
6. Click ok until you are back to your map.



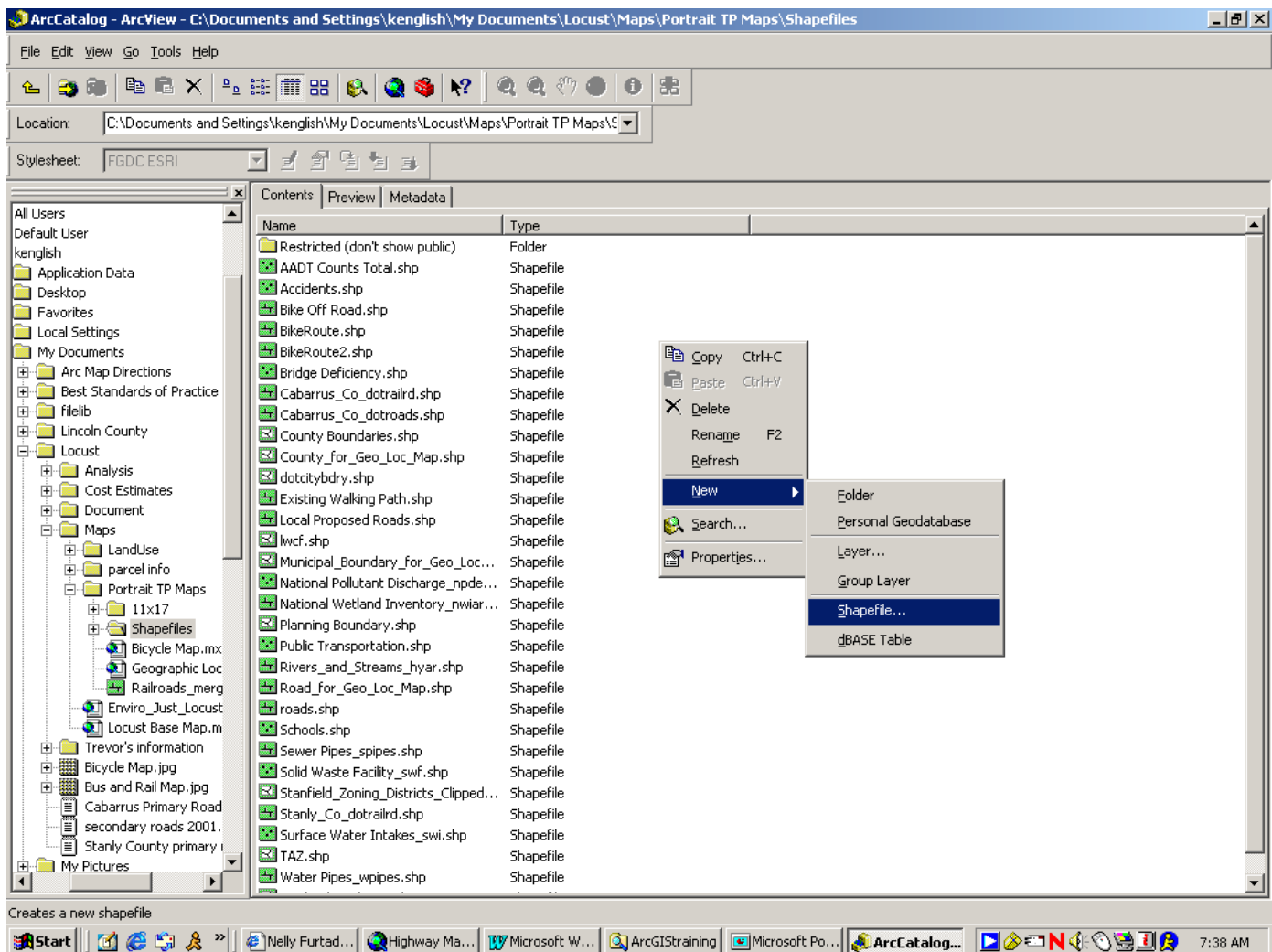
If you have a colored background, the proposed grade separation symbol will appear to have a white dot on the map.

To get rid of a white dot in the above symbol:

1. Right click on the symbol and click properties.
2. The properties window will appear.
3. Click on change symbol.
4. Click on properties.
5. To change the center dot to not show white, either decrease the font size to 0 or change the color of the dot, which can be done on the character tab.
6. If you decreased the center to 0, which is the best way, the outer circle font will need to increase by clicking on the mask tab and increasing the halo.
7. Click ok until you are back to your map.

Warning: The point will appear incorrectly proportioned if you don't go to the character and mask tab to change the size of the point. For example the first point size was changed through the correct way  and the second point size was changed the wrong way. 

To create a new shapefile



1. Open **ArcCatalog** found two buttons over from the scale in the tool bar of ArcMap (it looks like a file cabinet).
2. Navigate on the left side of the window and go to the folder where your layers are located (i.e. C:/Fayetteville).
3. In the window on the right, right click in the window and click new shapefile as seen in the above figure.
4. For this example, label the shapefile as Interchanges.
5. Feature Type should be point.
6. Click on the "Edit..." button at the bottom of this window.
7. Click on "Select".
8. Click on projected coordinate system ...State plane...NAD 1983 (feet)...NC 3200.
9. Click ok..ok..ok, etc.
10. Highlight the new shapefile and drag it into ArcMap or go to ArcMap and add this layer into the map.

11. Right click on the layer and click on open attribute table.
12. Click on the "Options" button and "Add field".
13. For the first field for this example, for the Name: type in TYPE and for the type: select text from the drop down window.
14. Click on the "Options" button and "Add field".
15. For the first field for this example, for the Name: type in INTERCHANGE and for the type: select text from the drop down window.
16. Close the attribute table.
17. Click on Editor...Start editing.
18. Select your new shapefile and click ok.
19. Click on the box beside the letter A and change it to a point.
20. Place the points on your map where the interchanges are located.
21. Open the attribute table and type in under TYPE either proposed or existing and type in either grade separated or interchange under INTERCHANGE.
22. Click on Editor...Save Edits several times during your editing session.
23. Click on Editor....Stop Editing when all of the points are placed in the map.